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EPA IDENTIFICATION NUMBERD.2
11/19/80RCRA INSPECTION REPORT - INTERIM STATUS STANDARDS
TREATMENT, STORAGE, AND DISPOSAL FACILITIES
Form 1 - General Facility StandardsI. General Information:

(A) Facility Name: Union Oil
(B) Street: 135th St and New Avenue
(C) City: Lemont (D) State: Illinois (E) Zip Code: 60439
(F) Phone: 312 257-7761 (G) County: Will
(H) Operator: R. R. Runge
(I) Street: 135th St and New Avenue
(J) City: Lemont (K) State: Illinois (L) Zip Code: 60439
(M) Phone: 312 257-7761 (N) County: Will
(O) Owner: Union Oil Co of California - Chicago Refinery
(P) Street: 135th St and New Avenue
(Q) City: Lemont (R) State: Illinois (S) Zip Code: 60439
(T) Phone: 312 257-7761 (U) County: Will
(V) Type of Ownership: ☐ Federal ☐ Municipal ☒ Private
☐ State ☐ County
(W) Date of Inspection: 11/19/80 (Q) Time of Inspection (From) 2:30 PM (To) 4:10 PM
(X) Weather Conditions: Sunny, mild

(Y) Person(s) Interviewed

Title

Telephone

Henry D. Haas
Leo Erchull

Supervisor, En. Services 312 257-7761
Environmental Spec

(Z) Inspection Participants

Title

Telephone

Gene Meyer

Chemist

Tony Holosha

Envir. Engr

Erin Moran

Physical Scientist

Brad Benning

Envir. Specialist

353-2110

886-6254

345-9780

II. Description of Site Activity

(A) X Generator (Form 2)

(B) X Transporter (Form 3)

(C) Chemical, Physical
and Biological Treatment (Form 4)

(D) X Storage (Form 5)

(E) Landfill (Form 6)

(F) Incineration (Form 7)

(G) X Land Treatment (Form 4)

(H) Thermal Treatment (Form 7)

(I) Comments:

Supplemental forms (Listed in Parathesis) must be completed for each activity inspected. Attach all Supplemental forms to this report.

Yes

No

Not
Inspected

See Remark
Number

(J) Has this facility
Submitted a Part A
Permit Application?

X

III. GENERAL FACILITY STANDARDS

	Yes	No	Not Inspected	See Remarks Number
(A) Has the Regional Administrator been notified regarding:				
1. Receipt of hazardous waste from a foreign source?	<u>X</u>	<u>X</u>		
2. Transfer of Ownership?	<u>X</u>	<u>X</u>		
(B) General Waste Analysis:				
1. Has the owner ^{or} operator obtained a detailed chemical and physical analysis of the waste?	<u>X</u>			
2. Does the owner ^{or} operator have a detailed waste analysis plan on file at the facility?	<u>X</u>			
3. Does the waste analysis plan specify procedures for inspection and analysis of each movement of hazardous waste from off-site?	<u>X</u>			
(C) Security - Do security measures include:				
1. 24-Hour Surveillance?	<u>X</u>			
2. Artificial or Natural Barrier Around Facility?	<u>X</u>			
3. Controlled Entry?	<u>X</u>			
4. Danger Sign(s) at Entrance?	<u>X</u>	<u>X</u>		
(D) Do Owner ^{or} Operator Inspections Include:				
1. Records of Malfunctions?				<u>1</u>
2. Records of Operator Error?	<u>X</u>			
3. Records of Discharges?				<u>1</u>
4. Inspection Schedule?	<u>X</u>			
5. Safety, Emergency Equipment?				<u>1</u>
6. Security Devices?				<u>1</u>
7. Operating and Structural Devices?	<u>X</u>			
8. Inspection Log?	<u>X</u>			

III. GENERAL FACILITY STANDARDS - Continued

	Yes	No	Not Inspected	See Remark Number
(E) Do Personnel Training Records Include:				
1. Job Titles?	<u>X</u>	<u> </u>	<u> </u>	<u> </u>
2. Description of Training?	<u>X</u>	<u> </u>	<u> </u>	<u> </u>
3. Records of Training?	<u>X</u>	<u> </u>	<u> </u>	<u> </u>
Is Personnel Training Completed within the Required Time Frame?	<u>X</u>	<u> </u>	<u> </u>	<u> </u>
(F) Are the Following Special Requirements for Ignitable, Reactive, or Incompatible Wastes Addressed?				
1. Special Handling?	<u>X</u>	<u> </u>	<u> </u>	<u>4</u>
2. No Smoking Signs?	<u>X</u>	<u> </u>	<u> </u>	<u>4</u>
3. Separation and Confinement?	<u>X</u>	<u> </u>	<u> </u>	<u>4</u>

IV. PREPAREDNESS AND PREVENTION

(A) Maintenance and Operation of Facility:				
1. Is there any evidence of fire, Explosion, or release of hazardous waste or hazardous waste constituent?	<u> </u>	<u> </u>	<u> </u>	<u> </u>
(B) Does the Facility have the Following Equipment:				
1. Alarm System?	<u> </u>	<u> </u>	<u> </u>	<u> </u>
2. Telephone or 2-Way Radios?	<u>X</u>	<u> </u>	<u> </u>	<u> </u>
3. Portable fire extinguishers, fire control, spill control equipment and decontamination equipment?	<u>X</u>	<u> </u>	<u> </u>	<u> </u>

Indicate the volume of water and/or foam available for fire control:

Units: 15 million gal of water + canal water

	Yes	No	Not Inspected	See Remark Number
4. Has Owner/Operator Provided Immediate Access to Internal Alarms (if needed)?	<u>X</u>	<u> </u>	<u> </u>	<u> </u>
5. Is there adequate Aisle Space for unobstructed Movement?	<u> </u>	<u> </u>	<u> </u>	<u> </u>
6. Are arrangements with local authorities included in the operating record?	<u> </u>	<u> </u>	<u> </u>	<u> </u>
(C) Contingency Plan and Emergency <i>pro. 5.13.5</i> Procedure				
1. Does the contingency plan contain the following:				
a. The actions facility personnel must take to comply with §264.51 and 264.56 in response to fires, explosions, or any unplanned release of hazardous waste? (If the owner has a Spill Prevention, Control and Countermeasures (SPCC) Plan, he needs only to amend that plan to incorporate hazardous waste management provisions that are sufficient to comply with the requirements of this Part)	<u>X</u>	<u> </u>	<u> </u>	<u> </u>
b. Arrangements agreed to by local police departments, fire departments, hospitals, contractors, and State and local emergency response teams to coordinate emergency services, pursuant to §264.37?	<u>X</u>	<u> </u>	<u> </u>	<u> </u>
c. Names, addresses, and Phone numbers (office and Home) of all persons qualified to act as emergency coordinator.	<u>X</u>	<u> </u>	<u> </u>	<u> </u>
d. A list of all emergency equipment at the facility which include the location and physical description of each item on the list, and a brief outline of its capabilities?	<u>X</u>	<u> </u>	<u> </u>	<u> </u>
e. An evacuation plan for facility personnel where there is a possibility that evacuation could be necessary? (This plan must describe signal(s) to be used to begin evacuation, evacuation routes and alternate evacuation routes.	<u>X</u>	<u> </u>	<u> </u>	<u> </u>

	Yes	No	Not Inspected	See Remark Number
5. If hazardous wastes accumulate on site, does the generator follow the following general facility standards?	_____	_____	_____	_____
A. Do Personnel training records include:				
1. Job Titles?	<u>X</u>	_____	_____	_____
2. Description of Training?	<u>X</u>	_____	_____	_____
3. Records of Training?	<u>X</u>	_____	_____	_____
Is Personnel Training Completed within the Required Time Frame?	<u>X</u>	_____	_____	_____
B. Preparedness and Prevention <i>see survey</i>				
1. Maintenance and Operation of Facility:				
a. Is there any evidence of fire, explosion, or release of hazardous waste or hazardous waste constituent?	_____	_____	_____	_____
2. Does the Facility have the following equipment?				
a. Alarm system?	<u>X</u>	_____	_____	_____
b. Telephone or 2-Way Radios?	<u>X</u>	_____	_____	_____
c. Portable fire extinguishers, fire control, spill control equipment and decontamination equipment?	<u>X</u>	_____	_____	_____
Indicate the volume of water and/or foam available for fire control				
Units:	<u>15 million gal of water + Chicago Canal</u>			
3. Testing and Maintenance of Emergency Equipment:				
a. Has the Owner or Operator established testing and Maintenance Procedures for Emergency Equipment	<u>X</u>	_____	_____	_____
b. Is emergency equipment Maintained in Operable Condition?	<u>X</u>	_____	_____	_____

VII. MANIFEST SYSTEM, RECORDKEEPING, AND REPORTING

	Yes	No	Not Inspected	See Remark Number
(A) Use of Manifest System				
1. Does the facility follow the procedures listed in §265.71 for processing each Manifest?	<u>X</u>	<u> </u>	<u> </u>	<u> </u>
2. Are records of past shipments retained for 3 years?	<u> </u>	<u> </u>	<u> </u>	<u> </u>
(B) Does the owner or operator meet requirements regarding Manifest Discrepancies?	<u>X</u>	<u> </u>	<u> </u>	<u> </u>
(C) Operating Record				
Does the facility maintain an operating record at the site as required in §265.73?	<u>X</u>	<u> </u>	<u> </u>	<u> </u>
(D) Availability, Retention and Disposition of Records				
Are all records available at the site for inspection as required in §265.74?	<u>X</u>	<u> </u>	<u> </u>	<u> </u>

VIII. CLOSURE AND POST CLOSURE

(A) Closure and Post Closure				
1. Closure Plan Available for Inspection by May 19, 1981?	<u> </u>	<u> </u>	<u> </u>	<u> </u>
2. Has this plan been submitted to the Regional Administrator?	<u> </u>	<u> </u>	<u> </u>	<u> </u>
3. Has Closure begun?	<u> </u>	<u> </u>	<u> </u>	<u> </u>
4. Is closure cost estimate available by May 19, 1981?	<u> </u>	<u> </u>	<u> </u>	<u> </u>
(B) Post Closure Care and Use of Property				
- Has the Owner or Operator supplied a Post Closure Monitoring Plan (by May 19, 1981)?	<u> </u>	<u> </u>	<u> </u>	<u> </u>

RCRA INSPECTION REPORT - INTERIM STATUS STANDARDS
SUPPLEMENTAL FORM 5 FOR STORAGE FACILITY INSPECTIONS

I. General Information

(A) Facility Name: Union Oil
(B) Street: New Avenue and 135th St.
(C) City: Lemont (D) State: Ill (E) ZIP Code 60441
(F) Date of Inspection: 11/19/80

II. Storage Facility Standards (Part 265)

A. Facilities which store containers of hazardous waste (Subpart I) None present

	YES	NO	NOT IN-SPECTED	REMARK #
1. Are containers in good condition?				
2. Are containers compatible with waste in them?				
3. Are containers stored closed?				
4. Are containers managed to prevent leaks?				
5. Are containers inspected weekly for leaks and defects?				
6. Are ignitable & reactive wastes stored at least 15 meters (50 feet) from the facility property line?				
7. Are incompatible wastes stored in separate containers? (If not, the provisions of 40 CFR 265.17(b) apply.)				
8. Are containers of incompatible wastes separated or protected from each other physical barriers or sufficient distance?				

B. Facilities which store hazardous waste in tanks (Subpart J) No

1. Are tanks used to store only those wastes which will not cause corrosion, leakage or premature failure of the tank?				
2. Do uncovered tanks have at least 60 cm (2 feet) of freeboard, or dikes or other containment structures?				

Continued on next page

	YES	NO	NOT IN-SPECTED	REMARK #
3. Do continuous feed systems have a waste-feed cutoff?				
4. Are waste analyses done before the tanks are used to store a substantially different waste than before?				
5. Are required daily and weekly inspections done?				
6. Are reactive & ignitable wastes in tanks protected or rendered non-reactive or non-ignitable? (If waste is rendered non-reactive or non-ignitable, see treatment requirements.)				
7. Are incompatible wastes stored in separate tanks? (If not, the provisions of 40 CFR 265.17(b) apply.)				

C. Facilities which store hazardous waste in surface impoundments (Subpart K)

1. Do surface impoundments have at least 60 cm (2 feet) of freeboard?	X			
2. Do earthen dikes have protective cover?	X			
3. Are waste analyses done when the impoundment is used to store a substantially different waste than before?	X			
4. Is the freeboard level inspected at least daily?	X			
5. Are the dikes inspected weekly for evidence of leaks or deterioration?	X			
6. Are reactive & ignitable wastes rendered non-reactive or non-ignitable before storage in a surface impoundment? (If waste is rendered non-reactive or non-ignitable, see treatment requirements.)				Not applicable
7. Are incompatible wastes stored in different impoundments? (If not, the provisions of 40 CFR 265.17(b) apply.)				Not applicable

D. Facilities which store hazardous waste in waste piles (Subpart L) *Yes*

1. Are waste piles covered or protected from the wind?				
2. Is each in-coming movement of waste analyzed before being added to the waste pile?				
3. Are leachate, run-off, and run-on controlled? (The effective date of this provision is Nov. 19, 1980.)				
4. Are reactive & ignitable wastes rendered non-reactive or non-ignitable before storage in a pile? (If waste is rendered non-reactive or non-ignitable, see treatment requirements.)				

Continued on next page

	YES	NO	NOT IN- SPECTED	REMARK #
5. Are piles of reactive or ignitable waste protected?				
6. Are incompatible wastes stored in different piles? (If not, the provisions of 40 CFR 265.17(b) apply.)				
7. Are piles of incompatible waste protected by barriers or distance from other waste?				

RCRA INSPECTION REPORT - INTERIM STATUS STANDARDS
TREATMENT, STORAGE, AND DISPOSAL FACILITIES
Form 4 - Chemical, Physical and Biological Treatment/Land Treatment

I. General Information

(A) Facility Name: Union Oil
(B) Street: 135th St and New Avenue
(C) City: Lemont (D) State: Illinois (E) Zip Code 60439
(F) Phone: 312 257-7761 (G) County: Will

II. Chemical, Physical and Biological
Treatment (Subpart Q)

	Yes	No	Not Inspected	See Remark Number
1. Is equipment used to treat only those wastes which will not cause leakage, corrosion, or premature failure?	X			
2. Is a continuously fed system equipped with a means of hazardous waste inflow stoppage or control (e.g., cut-off system)?				system is not continuous
3. Has the owner or operator addressed the waste analysis requirements of 265.402?	X			
4. Are inspection procedures followed according to 265.403?	X			
5. Are the special requirements fulfilled for ignitable or reactive wastes?	X			
6. Are incompatible wastes treated? (If yes, 265.17(b) applies.)		X		

111. Land Treatment (Subpart M)

	Yes	No	Not Inspected	See Remark Number
1. Is hazardous waste capable of biological or chemical degradation?	X			
2. Are run-off and run-on diverted from the facility or collected (Effective date: November 19, 1981)?	X			
3. Is waste analysis according to 265.273?	X			
4. If food chain crops are grown at the facility, has the owner or operator addressed the requirements of 265.276?				2
5. Is an unsaturated zone monitoring plan designed and implemented to detect the vertical migration of hazardous waste and provide information on the background concentrations of the hazardous waste available?	X			
6. Does the unsaturated zone monitoring plan address the minimum information specified in 265.278?	X			
7. Are records kept regarding application dates and rates, quantities, and location of all hazardous waste placed in the facility?	X			
8. Are the special requirements fulfilled regarding land treatment of ignitable or reactive wastes?				1
9. Are incompatible wastes land treated? (If yes, 265.17(b) applies.)				1

Notes:

1. Not applicable.
2. Don't grow food crops on the land treatment facility.

RCRA INSPECTION

Will

COUNTY

FACILITY NAME AND LOCATION U.S.E.P.A. NUMBER I.L.E.P.A. NUMBER	PART A AND NOTIFICATION	INSPECTOR(S) INSPECTION DATES	INSPECTION RESULTS		DATE AND TYPE OF LETTER SENT	DATE RESPONSE DUE & DATE RECEIVED	REFERRED TO OR DATE OF FINAL ACTION
Union Oil Co. of California Chicago Refinery Lemont, IL 60439 IL0041550567 19780304 NEW <input checked="" type="checkbox"/> ANNUAL <input type="checkbox"/> NON-NOTIFIER <input type="checkbox"/> TELEPHONE <input type="checkbox"/> VERIFICATIONS <input type="checkbox"/> MAJOR <input type="checkbox"/> MINOR <input checked="" type="checkbox"/>	NOTIFIED AS: GEN. <input checked="" type="checkbox"/> TRANS. <input type="checkbox"/> T/S/D <input checked="" type="checkbox"/> U.I.C. <input type="checkbox"/> PART A AND NOTIFICATION CORRECT? <input checked="" type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> (IF NO, SEE COMMENTS)	INSPECTOR(S): <u>C J L</u> DATE OF INSPECTION: <u>9/23/83</u> PREVIOUS INSPECTION DATE: <u>1/1</u>	NOT REGULATED: SMALL QTY. <input type="checkbox"/> RECYCLER <input type="checkbox"/> NON-HANDLER <input type="checkbox"/> OTHER(SPECIFY) <input type="checkbox"/> COMPLIANCE: <input type="checkbox"/> NON-COMPLIANCE: <input type="checkbox"/> PART 722 <input type="checkbox"/> PART 723 <input type="checkbox"/> PART 725 <input type="checkbox"/> GEN. FAC. STAN. <input type="checkbox"/> PREPAR./PREVEN. <input type="checkbox"/> CONT. PLAN AND EMERG. PROC. <input type="checkbox"/>	PART 725 (CONT.) MANIFEST, RECORD- KEEPING, REPORT- ING <input type="checkbox"/> GROUNDWATER <input checked="" type="checkbox"/> CLOSURE/PC <input type="checkbox"/> FINANCIAL <input type="checkbox"/> CONTAINERS <input type="checkbox"/> TANKS <input type="checkbox"/> SURF. IMP. <input type="checkbox"/> WASTE PILES <input type="checkbox"/> LAND TREAT. <input type="checkbox"/> LANDFILLS <input type="checkbox"/> INCINERATORS <input type="checkbox"/> THERM. TREAT. <input type="checkbox"/> CHEM./PHYS./ BIOL. TREAT. <input type="checkbox"/> U.I.C. <input type="checkbox"/>	<u>11/14/83</u> COMP. <input type="checkbox"/> C.I.L. <input checked="" type="checkbox"/> E.N.L. <input type="checkbox"/>	DUE: <u>11/19/83</u> RECEIVED: <u>11/23/83</u> ADEQUATE <input checked="" type="checkbox"/> INADEQUATE <input type="checkbox"/> NONE RECEIVED <input type="checkbox"/>	REINSPECTION NECESSARY <input type="checkbox"/> EDG (SEE ENF. LOG) <input type="checkbox"/> OTHER (SEE COMMENTS) <input type="checkbox"/> FILED <input type="checkbox"/> DATE: <u>1/1</u> COMMENTS: <u>Subpart F inspection only</u> ___% COMPLIANCE